

XP-002269079

AN - 1988-115501 [25]

A - [001] 014 028 039 04- 05- 147 198 231 239 240 249 31- 336 546 575 583  
589 603 678 688 720

AP - JP19860205524 19860901; JP19860205524 19860901

CPY - KAOS

DC - A97 D25 E19

FS - CPI

IC - C11D1/83

KS - 0013 0203 0231 1279 1581 1588 1592 1999 2002 2012 2014 2585 2701

MC - A10-E01 A12-W12A A12-W12B D11-A03A D11-A07 D11-D07 E10-A09A E10-A09B4  
E10-B02D5 E10-E04G

M3 - [01] G011 G012 G013 G100 H581 H582 H583 H584 H589 K0 K4 K421 K431 M220  
M222 M223 M224 M225 M226 M231 M232 M233 M240 M272 M281 M312 M320 M321  
M322 M323 M332 M342 M383 M391 M392 M393 M414 M416 M510 M520 M531 M540  
M620 M782 M903 M904 Q273 Q616 R023; 8817-B9701-M; 3102-R 1678-D

- [02] J0 J013 J1 J172 J3 J371 M220 M222 M223 M224 M225 M226 M231 M232  
M233 M262 M281 M313 M321 M332 M343 M349 M381 M391 M416 M620 M782 M903  
M904 Q273 Q616 R023; 8817-B9702-M; 3102-R 1678-D

- [03] B415 B701 B713 B720 B815 B831 M220 M222 M223 M224 M225 M226 M231  
M232 M233 M272 M281 M320 M411 M510 M520 M530 M540 M620 M630 M782 M903  
M904 Q273 Q616 R023; 8817-B9703-M; 3102-R 1678-D

- [04] F012 F013 F014 F113 H4 H401 H402 H403 H421 H422 H481 H482 H483  
H521 H522 H581 H582 H583 H584 H589 H8 J0 J011 J012 J013 J2 J221 J271  
J272 J273 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224  
M225 M226 M231 M232 M233 M262 M281 M282 M283 M312 M321 M322 M323 M332  
M342 M343 M373 M383 M391 M392 M393 M413 M510 M521 M530 M540 M782 M903  
M904 Q273 Q616 R023; 8817-B9704-M; 3102-R 1678-D

- [05] G011 G012 G013 G100 H401 H402 H481 H482 H5 H541 H581 H582 H583  
H584 H589 H8 J011 J012 J013 J271 J272 J273 M210 M211 M212 M213 M214  
M215 M216 M220 M221 M222 M223 M224 M225 M226 M231 M232 M233 M240 M262  
M272 M281 M282 M312 M313 M321 M322 M323 M331 M332 M333 M342 M343 M383  
M391 M392 M393 M414 M416 M510 M520 M531 M540 M620 M782 M903 M904 Q273  
Q616 R023; 8817-B9705-M; 3102-R 1678-D

PA - (KAOS ) KAO CORP

PN - JP63061093 A 19880317 DW198817 007pp

- JP2046638B B 19901016 DW199045 000pp

PR - JP19860205524 19860901

XA - C1988-051916

XIC - C11D-001/83

AB - J63061093 A new liq. detergent compsn. contains 10-40 wt.% of a  
synthetic anionic surfactant and 0.1-10 wt.% of a  
polyoxy-alkylene-type nonionic surfactant with a HLB value of 18 or  
greater and has a pH of 5-9. It contains practically no builder for  
heavy detergents such as sodium tripolyphosphate.

- Prefd. anionic surfactants include 8-16C straight-chain alkyl benzene  
sulphonates, 8-18C alkyl sulphates, polyoxyethylene (EO = 1-10) 8-20C  
alkyl ether sulphates, 8-20C alkane glutamates, etc. Pref. nonionic  
surfactants include polyoxyethylene alkylethers, polyoxyethylene alkyl  
phenyl ethers, polyoxyethylene glycol fatty acid esters,  
polyoxyethylene sorbitan fatty acid esters, polyoxyethylene glycerol  
fatty acid esters, etc.. Builders excluded include sodium silicate,

sodium carbonate, nitrilo sodium triacetate, etc..

- **USE/ADVANTAGE** - The compsn. has good use feeling without greasiness, while retaining conventional detergency and foaming properties retained. It is easy to rinse.

**CN** - 8817-B9701-M 8817-B9702-M 8817-B9703-M 8817-B9704-M 8817-B9705-M

**DRL** - 3102-R 1678-D

**IW** - LIQUID DETERGENT COMPOSITION CONTAIN SYNTHETIC ANION SURFACTANT POLY OXY ALKYLENE NONIONIC SURFACTANT PRACTICALLY NO BUILD HEAVY DETERGENT

**IKW** - LIQUID DETERGENT COMPOSITION CONTAIN SYNTHETIC ANION SURFACTANT POLY OXY ALKYLENE NONIONIC SURFACTANT PRACTICALLY NO BUILD HEAVY DETERGENT

**NC** - 001

**OPD** - 1986-09-01

**ORD** - 1988-03-17

**PAW** - (KAOS ) KAO CORP

**TI** - Liq. detergent compsn. - contains synthetic anionic surfactant, poly:oxy:alkylene nonionic surfactant and practically no builder for heavy detergent